

# Transition Plans for the Long-Baseline collaborations

Milind Diwan  
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These slides do not contain a detailed transition plan, but have bullet points for discussion.

# Starting Point

- A new Interim International Exec Board.
- A least two organized science collaborations with
  - By-laws and organization
  - Working groups with large number of knowledgeable scientific and technical persons.
  - Communication with respective funding agencies and knowledge of organizational resources.
- An organized project management structure in the US with
  - CD1 approval and a proposed funding plan.
  - A well-defined chain of coordination with the scientific enterprise.
- A large body of knowledge and documentation with associated personnel.
  - Scientific proposals, white papers, simulation tools.
  - Engineering designs, cost estimates, knowledge of sites.
- Many other individuals with scientific and technical interests.

# End-point

- **A single collaboration with**
  - **Single set of scientific goals and configuration.**
  - **A recognized, unified leadership team committed to the above goals.**
  - **A decision making process that includes all stake-holders.**
  - **A funding plan that is feasible and accepted by the agencies.**
- Scientific and technical working groups with leadership and membership that is highly capable and international.
- Clearly defined processes for international financial planning.
- An international process for technical integration.

# Items to consider for the organization

- We will assume that there is agreement on the science goals and the big picture configuration parameters.
- Roles and responsibilities of
  - The Institutional Board
  - The Executive board
  - The (co)-spokespersons
  - The management council (who are the management council ? how small and who does it report to ?)
  - The US and international project directors/managers, and the international resource coordinator.
- Communication with FNAL director and the PAC.
- Communication with the International Finance Board and the funding agencies.
- Communication with the DOE/NSF in the US regarding funding for US groups.

# Further considerations

- Economy and flexibility of the collaboration rules of governance.
  - e.g. The LBNE rules are very brief.
  - We need to consider how detailed the by-laws should be versus how much flexibility the management council should have.
- The overall multi-agency Project Management Plan and Project Execution Plan (CD2).
- The ability of the collaboration management council to make changes to the collaboration organization, add capability, and get tasks initiated, and performed in a timely way.
- The ability of the scientific collaboration to promptly interact with the project and engineering teams during critical decision-making. This is extremely important during design and construction.
- A coordinated team for communication during important events
  - Scientific Reviews
  - Technical Design Reviews (including all aspects: civil construction to beam and detector design)
  - Cost and schedule reviews.
  - Management reviews.
  - Funding reviews of the collaboration and oversight of DOE/NSF supported groups.
  - Public/political interactions including outreach.
- A strong team dedicated to safety and quality control throughout the process.

# Items requiring guidance from the iIEB.

- Timeline regarding the process of arriving at the new configuration and structure.
- Maintenance of continuity until a definite transition point.
- e.g. a detailed organization structure (\*) exists for LBNE (and LBNO); charges are written down, but there is a working understanding also.
  - Physics working groups
  - Physics tools group
  - R&D coordination group
  - Software coordination group
  - Technical coordinators for sub-projects
    - 35 ton prototype
    - Civil Facilities
- Similar issues exist with LBNO.
- What to do with individuals and groups wanting to join during transition ?
  - Currently they simply join one of the existing collaboration and working groups.
- **Should we have a transition team ?**

• \* <http://lbne2-docdb.fnal.gov:8080/cgi-bin/ShowDocument?docid=6547>